

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: KA3J@aol.com  
Subject: [7349] 38 Special Extra Parts Kit - Final? Comments  
Message-ID: <961227234828\_1755464522@emout14.mail.aol.com>

Boy, this sure took on a life of it's own. Lesson learned for this newbie!  
Well, since I started it, I feel obligated to sort of finish it. In any event, I did promise to report back to the group on the results of the survey.

Somewhat to my surprise, interest wasn't real high. I received about 25 direct emails, all in favor of the idea. Most people didn't have a preference as to who provided the extra parts kit. For those who did have a preference (about 1/3 of the respondents), getting the extra parts kit through a outfit like Dan's was preferred. The reality is that some outfits like Dan's already do stock almost all (if not all) the parts except perhaps for a case. As Doug, Ori and others have pointed out, all the parts are readily available through several sources.

Out of respect for Ori's, Doug's (and others) intentions for this project, I don't intend to pursue this further. I do expect some things could evolve on their own, however. For example, if someone like Dan notices that he's getting repeated orders for similar parts, he might ask a few questions and decide to offer a standard parts package. As Chuck indicated, if he offers a good deal, people will appreciate it. Other suggested approaches like offering help on a one-to-one basis (private e-mail exchange) are also very fine. What really matters, and the original intention of my posting, is to find ways to help each other and add value to an already exceptional project.

I believe as long as this spirit is at work, things will naturally work out fine. Although there have been many different points of view on this particular subject, I'm happy to say that I do see this principle underlying just about everyone's comments.

So, let's get out there and hack away! Best wishes to everyone in '97.

72/73,

Ron (KA3J)  
Bethesda, MD

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [7370] 40 meter Mi/Watt Record Correction  
Message-ID: <19961228.151238.6735.6.k7yha@juno.com>

Gang:

Got Fran's callsign wrong on the first try...it is KA3WTF NOT KS3WTF.  
Sorry (blush!)

73 rich K7SZ

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "J.B. Fox" <w5hir@mail.phoenix.net>  
Subject: [7385] 73 magazine  
Message-ID: <199612282108.PAA25029@mail1.phoenix.net>

Can anyone tell me if 73 magazine has an internet page, and  
if so how to get to it???

Thanks,

w5hir

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jlarsen@attmail.com (James H Larsen)  
Subject: [7341] al7fs 271645dec96  
Message-ID: <jlarsen3630249060>

0215 seems too early for 40 mtrs

0220 no sigs on 20 cw...makes me nervous. is the band bad today or is it just  
me.

0225 30Mtrs cq de K6AR. called Jim in san diego and worked him he=559  
me = 449

0240 40 meters AC6PE calling cq. called...no answer

I am going to call cq on 7.0395 as stated by my qrp+ readout. I will try  
until 0330 and then send an update on qrp-1

73 jim  
al7fs

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jlarsen@attmail.com (James H Larsen)

Subject: [7360] AL7FS Gutless SLV  
Message-ID: <jlarsen3630828220>

Greetings from Hawaii!

I have been asked what a "Gutless SLV" is. Here's the details, however scant.

I found that not one Radio Shack had the 15-004 300 ohm twinlead. My Black Widow pole arrived and I had to use twinlead from Eagle Hardware. It was too big and I only was able to put 39 feet on the coil. I wanted options.

I purchased a six foot foam insulation for a one inch pipe (someone here on qrp-l put this on their pole...gave me the idea.) I stuck a six inch length of wooden dowel in the bottom end and then twisted on my copper ring for the radial attachment (tight enough to hold in the dowel).

Then I used more of the over sized twinlead and began to wind. Keeping in mind the width of my carry case (about 19 inches), I wound the first section of coil. I taped up the coil as I went to hold it in place. I bent the foam to see how much length was needed for the bend...marked the foam with a perm. marker...and ran a short stretch parallel with the foam length...then started winding coil again.

CoC

I went another segment of coil...straight piece for second bend...and then finished up the 51 feet. No cuts here. I just left the 16 feet attached after cutting a small slit through both sides of the foam (strain relief) and then taped it all off. Oh, I cut off the extra foam length with a hacksaw leaving about 1 inch or so to accommodate the slits for strain relief. This way I could see into the end to thread the twinlead through the slits.

All the rest is the same. The gslv trifolds into a nice package that stays together when I wrap the 16 feet around it for transport.

Will it work? It should. It is a stock slv without the guts. :-)

73,  
Jim  
AL7FS/KH6

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jlarsen@attmail.com (James H Larsen)  
Subject: [7351] al7fs off the air  
Message-ID: <jlarsen3630452300>

Hi...received a msg that asked if i was still on the air.

I went off about 0340Z

In the future I will post times on and times off the air to qrp-l and i will mention what band and approx freq i am on. OK?

73

Jim  
al7fs/kh6

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jlarsen@attmail.com (James H Larsen)  
Subject: [7345] al7fs/kh6 280340ZDec96  
Message-ID: <jlarsen3630347470>

Pshaw!

Not too much luck the last hour

0240 ac6pe cq...called..No Answer (na)  
0304 band pretty dead to lower 48 (L48)  
ti2wgo cq..called..na  
0308 k6kg cq..called..na

to 30 mtr

0315 7.019 worked kg8co/kh6

0319 7044 kb5hat?? and k6yn? in qso both good copy  
0323 k9pv cq on 7.040.5...called..na  
0328 7.0436 Josh in qso  
0331 kb5akt good sig signed 72...called..na

end

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jlarsen@attmail.com (James H Larsen)  
Subject: [7387] al7fs/kh6 282200ZDec96  
Message-ID: <jlarsen3632214300>

Well...I promise not to complain about propagation in Alaska anymore.

Nothing on 80/40/30/20/15

well, one weak k6 on 14.017

I will be checking the bands over the next few hours and especially on the 1/2 and on the hour. My guess is that 30 mtr may do something

the slv swr is up on 30 mtr. was up to 2.3. I added two more radials 23 foot and now have 1.7:1 swr.

Isuspect the lack of rain last night made a difference.

73

jim

al7fs/kh6

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: jlarsen@attmail.com (James H Larsen)

Subject: [7340] AL7FS/KH6 Listening

Message-ID: <jlarsen3630205200>

Well,the SLV works great. 1:1

I am tuning around 7.035-7.045 waiting to see what propagation is like.

will try 20 mtr tomorrow.

I will be on for several hours...at least til 0330 anyway and I have zero noise level. zero qrn.

Listening right now 0200 to AB7LK and WA0RSX. I copy both but don't know if they are qro.

73

Jim

AL7FS/KH6

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: jlarsen@attmail.com (James H Larsen)

Subject: [7347] al7fs/kh6 Propagation challeng/question

Message-ID: <jlarsen3630419480>

OK, folks..seems my sun goes down too late for L48 path. Yes, small sample but today was a bit ugh.

IF I chose to get up at any time of the day or night, when do you think we have the best chance to have a path. Hawaii is 5 hours behind east coast, 2 from west.

Maybe sat night we can get ridiculous.

I need input. Please.

By the way, that SLV is really neat. It will be a permanent antenna in my travels in my motorhome in AK. And the Gutless SLV will be good in Alaska with all the trees.

73,  
Jim  
AL7FS/KH6

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Mike Boice <kd0fx@worldnet.att.net>  
Subject: [7338] Amphenol BNC#  
Message-ID: <1.5.4.32.19961228014303.0067efbc@postoffice.worldnet.att.net>

Anyone know what the Amphenol part number is for a male BNC for RG8X cable? Mouser doesn't list RG8X as one of the cable types for the different sized connectors from Amphenol.

I had bought some no-name BNCs from Radio Works this summer to go with the RG8X I bought from them, but they don't fit well at all. The center pin is too small for the cable's center conductor, and the cable is too loose in the body. Same goes for the BNCs I bought from Ocean State this summer.

Thanks, dudes.

73,  
mike KD0FX  
Richland WA

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
Subject: [7332] Anyone work VP8CWI?  
Message-ID: <32C4666F.48FB@pacific.vdbs.com>

I worked VP8CWI in the Falkland Islands yesterday. He gave his QSL

info as a street address and city. I don't want to send IRC's in the mail addressed to ARS VP8CWI. Does anyone know his/her name? It isn't in the call book or any QSL info's I could find.

Thanks.

--

73 de Jeff AC6KW  
grudin@vdbbs.com

---

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

---

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "Ronald H. Evans" <ronald\_evans@pipeline.com>  
Subject: [7336] ARRL Publication "QRP Power"  
Message-ID: <2.2.32.19961228011612.006e3144@pop.pipeline.com>

My brother sent me a couple of QRP books for Christmas. One "W1FB's QRP Notebook" was a duplicate. The other "QRP Power" has a really good article on modifications for the SW-40 (NN1G's kit which I just happen to have built). Most articles seem to be reprints from QST and QEX but Revisiting the 40-40 by KB6FPW and AE6C seems to be new. Thought folks here might want to know. 73, Ron K4KTB

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: rhight@primenet.com (Roger Hightower)  
Subject: [7375] Battery holders  
Message-ID: <199612281606.JAA21269@primenet.com>

Hi all.

While dinking around with the Island Keyer from MTechnologies I was trying to find a way to install coin-type batteries to reduce the size of the unit.

Found the lithium battery holder at R/S, part #270-430 is perfect. With a

footprint of about one square inch and a pc board mount, it just might do the job. Mount 2 or three on perfboard and ugly wire them for the needed 6 or 9 volts.

The goal is to build a complete keyer/paddle in abt a 2x2x2 inch enclosure. Paddle is made of salvaged relay contacts that Doug, KI6DS gave me last summer at Ft. Tuthill. I had been using the "button" batteries in a homebrew mount, in a CMOS II keyer built inside a cover for my Bencher paddle. No more heavy paddles, no more big enclosure, and I think I can Velcro the thing (or build it in) almost anywhere.

One more item. Am in the final stages of completing the LDG QRP Autotuner. It's tested and in the box, and will finish the rear panel connections today. What a nice kit this is, but you'll do some head-scratching in the hookup. Best have the Jan. '96 QST on hand so you can look at the photos of the big brother rig.

Since I don't have a Sierra to build the tuner into, I had to find a decent enclosure. Circuit Specialists in Mesa, AZ has an enclosure that's the perfect size. 1-800-528-1714 will get you the catalog, and the enclosure is No. LA-5, 5.5x2.6x6.7", at \$13.28. It's a clamshell with recessed front/rear panels, heavy guage, and the panels are removeable for drilling and labeling.

No connection with R/S or Circuit Specialists...just a satisfied customer who's known to all the counter clerks, :-)

72/73 de Roger N7KT (Ex-AA7QY) Mesa, AZ Grid DM43cj

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: scott.thomas@circellar.com  
Subject: [7365] DD1 and NC40a  
Message-ID: <9612280847.0CCVI00@circellar.com>

When I connect my DD-1 digital dial (usig the PROG input) to my Norcal 40a with a 47pf cap, it lowers the vfo about 4khz (at 7.025). This doesn't appear to be a problem, because there is plenty if range in the var cap to bring it back to where it was originally, but I'd be interested in anyone elses experience with connecting the DD-1 to a norcal radio and its effect on the VF0.



Scott  
N1ST

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Dan Keen <70731.722@CompuServe.COM>  
Subject: [7346] Fair Radio Sales J37 key & Accesories  
Message-ID: <961228041545\_70731.722\_EHM47-1@CompuServe.COM>

Rcvd today from Fair Radio Sales two items from their traditional yearly suppliment, namely the annual Fall suppliment.

Fair product code: J47.

This is actually a military straight key (marked J37) on oval base screwed onto a small, flat, dull black, rectangular, base (marked J47). Condition of key is as stated in F R catalogue: used. I would say fair to good. Actually am only guessing the base is bakelite.

Item number 5895-324-9111: This is the military leg clamp base (marked KY-116/U) made for to fit onto the J37 key (instead of J47 base). F R describes the legclamp condition properly: unused. I would say condition excellent.

Hey, the leg clamp is first type tried that actually like! Didn't like modern velcro strap arrangements. With those it seems hard to get both ends of key snug against the leg, unless you tighten both straps, which makes the mount unhandy to quickly repostion to prevent fatigue. But this military model has a hinge which makes a real difference. Sliding the clamp along leg, at any spot you can stop and instantly swing the key on its hinge down flat tight to the leg. A clever idea by the military mind, imo.

The J47 (key and base) cost about 25, the 5895-324-9111 clamp costs about 9 dollars.

Dan

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Ken Freedman <n1qqv@cshore.com>  
Subject: [7362] Fox Hunts  
Message-ID: <2.2.32.19961228112422.006a89ec@cshore.com>

>Unfortunately, the fox hunt has turned out to be a rather

>popular activity with this group and the demand for positions  
>far exceeds the number of positions available. We/I don't want  
>this to become a year-round activity. 8 months is enough. :-)

Whoa! I gotta' differ with you on this one, Chuck. :)

There ain't nothin' unfortunate about it. As I mentioned in a post to one of the Knights a few days ago: I don't believe how much time, study and effort I have put into my station as a result of the Fox Quest. (Luckily, wire antennas are cheap.) There's nothing like getting skunked on a Fox night to cause you to start examining your equipment and techniques and looking for ways to improve. This is not a case of "deepest pockets wins", 'cuz Brute Force is not an option!

My antenna/coax/tuner/rig combination is much more efficient and effective than it was in September, and I have learned a few things along the way. I'll bet my other shirt that I'm not the only one. If the competition for the available Fox slots spurs the same sort of effort, then we all win.

73, Ken

Ken Freedman

AKA: N1QQV/QRP VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: Jack Bryant <Jack.Bryant@math.tamu.edu>

Subject: [7356] FOX: hints from W5TFB

Message-ID: <199612280554.XAA18809@fourier.math.tamu.edu>

Recently I have had some discussion with Chuck about the fox hunt, in particular about strategy and techniques. He said it would be helpful to the group if I posted some of them. That isn't really my style, but here goes anyhow. This is going to be too long, also not my style, but you all know how to skip a message. Of course there are two problems: the hunter and the fox.

fox: Here, I can only describe what I did in the one go at being fox.

I used a memory keyer with four short messages: (ok, it is ancient, but it works)

1. LETS GO FOX W5TFB K      this one is for gaps [no calls for >30 seconds]

2. R TU FOX K                      when a contact finished and some callers
3. FOX DE W5TFB K                when 2 gets no calls
4. TX JACK 288 K                the exchange. ok, I know I'm 282, so sue me

I kept my code speed at about 22 wpm and never repeated anything.  
Never. Of course I did if asked.

I answered the first call I could get enough out of to make it unique: for example, say W0PQR called, and I got ?0PQ?, and no one better, I replied ?0PQ <rst> #4. If (and this was rare) 0PQR didn't come back then I hit #3 to catch someone else, possibly W0PQR again. I NEVER answered anyone who either sent my call or sent their call more than once if I had any other choice. For example, if W1RST was clear but did that, and ?0PQ? just sent her call once, then I went for the weaker station who was using I think is good procedure. Even if I don't remember my number I do know my call and certainly don't want to hear it 80 times. Of course, at the end of the W0PQR exchange I did send her call to confirm a complete exchange.

I think the key here is to not wait until you have the call down correctly, and to answer the very first call, not a repeat. Go with enough of a fragment to identify the hunter and get the call next go. After all, there is economics on your side: it is to the hunters interest that you (the fox) have the call right, so you can be sure that will happen. If you wait any longer you encourage multiple sending of calls, and the pileup degenerates so quickly you won't know what hit you. You might as well pull the plug and go watch TV.

Some other minor things: my radio jumps around (the TenTec PT0 problem), but it really helps if you can stay on one frequency. However, do move to get out from under that awful fax signal on 7038, and avoid 7040 which has a BC carrier on it. There is nothing you can do about the QRM, and don't keep sending QRL! They can't hear you or don't care. Just move a little.

hunter: All I can say really comes from how I react to the hunters as fox, and turn that around. There are some general guidelines, though.

- a. Don't send anything at all unless you are sure the previous exchange is finished and you are sure you can hear the fox. Do not guess here. Then send your call exactly once, even if everyone else is sending their call over and over.
- b. If there is a pileup then move off frequency a few Hz. It helps to know what sort of radio the fox is using to know which way. In any event, find a clearer frequency and try there. Remember, you have

a long time.

- c. If a hunter scores while off the foxes frequency then tail-end there.
- d. If you think the fox came back to you but are not sure (and this happens more often than not), then go ahead and send the exchange. Since you have QSK, you will know when to stop.
- e. Oh, by the way, have QSK. At 5 watts there is no possible reason for not having the ability to hear between dits. Use it.
- f. Don't ever repeat anything at all. Example: terrible:  
W5TFB DE WOPQR WOPQR RST 347 347 MN MN ANGELA ANGELA 1001 1001 QSL? BK  
better: WOPQR 347 MN ANGIE 1001 WOPQR K (if the fox got your call right then leave off the second; however, the first is necessary)
- g. Send at whatever speed you send well. Speed is of no importance here.

72, and good hunting.

-Jack W5TFB

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [7372] Fw: headphone selection + MORE questions  
Message-ID: <199612281545.IAA22999@orion.ditell.com>

Gang:

Vic Rosenthal wrote:

<<  
> 3. a. Narrow frequency response = cheap  
> b. Efficient = cheap  
> But  
> c. Comfortable and durable = expensive, which often means c => not  
> (a or b).

I respectfully disagree....

The most efficient and best sounding earphones I have are Sony MDR-CD5's. Old, cost about \$100 ten years ago, and work wonders with my Sierra which is not known for audio reserves.

I also use Sony MDR V200's, which are current Sony offerings, when I want a closed headset to block other noise. They are reasonably efficient, and cost

about \$50. They fold, which makes it easier to carry a closed-cell headset.

I have lots of cheap stuff too, but as Vic said, they just aren't that comfortable. I make an exception for backpacking, however.

Relative to frequency response, I don't know. But I do know that clean, distortion-free sound is better to my ear than any other flavor, so I prefer the hi-fi jobs, and hope to limit frequency response in the radio.

my 2 cents. 73, Bob

-----  
Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Marshall Emm <75230.1405@CompuServe.COM>  
Subject: [7380] Island Memory Keyer Kit Notes  
Message-ID: <961228180108\_75230.1405\_HHB58-1@CompuServe.COM>

For those of you who ordered the Rev B version of the Island Keyer Kit from Milestone Technologies, please note the following:

Revision B of the Island Keyer circuit board includes a capacitor C2 on the INT/REC line.

DO NOT INSTALL C2, or if you have already done so clip one of its leads. The cap was added for bypassing but in some cases it can cause the processor to go into the "latch up" state with excessive current drain and possible damage to the IC.

If you purchased the hardware kit, you may find that the supplied 1M pot for speed control is low in actual value. The pots we obtained have a nominal +/-20% tolerance, but in fact they are all under 1M, some substantially under. Just for the record, a closer tolerance pot would add four or five dollars to the cost of the hardware kit.

The maximum resistance determines the slowest speed at which the keyer will operate, so if you find the minimum speed is too fast you can add an ordinary carbon resistor in series with the pot to bring the minimum speed down to an acceptable level. Obviously this will also increase the minimum resistance of the circuit, which will result in a slower maximum speed and a compressed range of adjustment.

If you are unable to obtain a satisfactory range by adding resistance, you can

also pad the timing capacitor C11 (470pF). Install a 40-50pF capacitor in parallel with the existing C11, or replace C11 with a 500pF cap.

73

Marshall

AA0XI

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [7339] KM1H's Review  
Message-ID: <199612280153.BAA19667@chuck.dallas.sgi.com>

One comment on Carl's review. He failed to mention that he is the owner of RadioKit in Pelham, NH. No indication in any postings in the past.

There were some requests in the past for an email address for RadioKit, now you know. km1h@juno.com

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50  
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [7369] NEW 40 MTR Mi/Watt Record Today!  
Message-ID: <19961228.144802.6735.4.k7yha@juno.com>

Gang:

Today (12-28-96) at 1345 Z, Fran Slavinski, KS3WTF, in Larksville, PA successfully copied Paul Stroud's, AA4XX, transmissions from 16 miles South of Raleigh, NC.

Details:

Path Distance: 422 US miles  
Power Output (AA4XX): 96 MICROWATTS  
Miles-Per-Watt: 4.3958 MILLION!  
Rigs: Wilderness Sierras on BOTH ends!

Antennas: AA4XX 3 el 40 meter wire beam at abt 60 ft.  
KA3WTF Radio Works Carolina Windom-II at 40 ft.

Not only is this a world record, it was accomplished with homebrew gear!  
Congratulations to both Paul and Fran. Paul will most likely post the  
details of the event, and be sure to read about it in Worldradio  
Magazine (Rich Fisher, call your office!....actually call me: (717)  
825-5395).

73 rich K7SZ

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: aluscre@marconi.w8upd.uakron.edu (Anthony Luscre)  
Subject: [7343] numbered messages  
Message-ID: <9612280159.AA14677@marconi.w8upd.uakron.edu>

Just a suggestion if it is possible....  
On the other listservs that I subscribe to in journal format  
the number of each message is present not only in the list  
of items in that journal (as in QRP-L) but also in the  
body of the journal with each high individual item. This is very helpful  
when I  
see that I'm interested in item #17 I can quickly page down until I see  
item numbered 17, etc.

Thanks in advance if it is possible  
Anthony KA8NRC

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: bcutter@teal.csn.net (Bob Cutter)  
Subject: [7389] Power Supply ?  
Message-ID: <199612282310.QAA29848@lynx.csn.net>

I need a 1.5 amp power supply. I have two 1 amp supplies. What effect will  
connecting the two parallel have? Will I have a 2 amp supply?

72, Bob KI0G

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: n4js@amsat.org

Subject: [7376] QRP+ measurements?  
Message-ID: <m0ve1tq-0006F8C@ux1.cyberenet.net>

OK, this is my day for dumb questions. I'm building a carrying box for my QRP stuff. My QRP+ (that I got from Steve Lee) hasn't come yet, and I can't find the measurements (HxWxD), in the ads, or on the web page. Anyone got them, please? (In inches, if possible, I am not metric-friendly).

-- N4JS --  
John L. Sielke n4js@amsat.org  
n4js@hotmail.com n4js@n4js.ampr.org  
<http://www.pobox.com/~jsielke>

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: n4js@amsat.org  
Subject: [7366] QSL Bureaus  
Message-ID: <m0vdzek-0006FHC@ux1.cyberenet.net>

I have been out of the action for so long, I have a question. Who would be my ARRL QSL bureau (Call N4JS, located in New Jersey)? t used to be the Meklenburg ARS, but I seem to remember them splitting it up, and the single letter prefixes going somewhere else. I don't see it in my Jan QST. Now I'm going to be working all this QRP DX, I better get some envelopes on file ;-)

-- N4JS --  
John L. Sielke n4js@amsat.org  
n4js@hotmail.com n4js@n4js.ampr.org  
<http://www.pobox.com/~jsielke>

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: n4so@juno.com  
Subject: [7350] QSL DX INFO  
Message-ID: <19961228.002529.5167.5.N4S0@juno.com>

qslinfo.txt

QSL information for DX stations is available if you use the instructions below. I used VP8CWI as a test DX callsign and the result from the database

appears a couple of lines below:

From: qsl-info@datasync.com (QSL Info Server)  
Subject: QSL Information



VP8CWI

VP8CWI: P.O. BOX 559, PORT STANLEY, FALKLAND ISLANDS, VIA GREAT BRITAIN  
UPDATED BY DL1SBF: 22-AUG-1996 1652Z

-----  
QSL Info Server Instructions

Send e-mail to [qsl-info@datasync.com](mailto:qsl-info@datasync.com) with DX callsigns in  
the message body. Include only callsigns for best performance.

Additions and corrections should go to the database maintainer:  
Lothar, DL1SBF packet radio address: DL1SBF @ DB0SDX.#BW.DEU.EU  
email: [k9pes\\_ms@siiks.a1.bosch.de](mailto:k9pes_ms@siiks.a1.bosch.de)

Other comments, etc. to Ray, WQ5L [rocker@datasync.com](mailto:rocker@datasync.com)

For W/VE callbook addresses visit <http://www.qrz.com/cgi-bin/webcall>  
-----

nnnn

Ken Brown , N4SO  
QTH: Nr Mobile, AL  
QRP-L #622  
[n4so@juno.com](mailto:n4so@juno.com)

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Jim and Nancy <[LAGESON@worldnet.att.net](mailto:LAGESON@worldnet.att.net)>  
Subject: [7348] QSL source??  
Message-ID: <19961228041957.AAD28989@LOCALNAME>

I need to get some new QSL cards printed up but not sure where to turn.  
I've always designed my own but I lost my contact to the typesetter/printer.  
I want something unique and representative of me and my  
state/station.(whatever that is) Any great sucess stories/suggestions???  
I've sent in for the usual samples from the usual qsl printers, but I don't  
want to just be another card on the wall, I want people to stop, look and  
say.....  
.....cool.

Thanks, Jim N0UR

Mpls, MN (where the women are strong, the men good looking, and the children  
all above average.....)

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [7335] Radio History es Marconi es Dec. 12th....  
Message-ID: <8CEF467.00040011E8.uuout@cheaha.com>

-> But something did happen 95 years ago this past December 12.  
-> That's when Marconi successfully completed the first transatlantic

Hey, that's great.....December 12th....my birthday! :)

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [7337] Radio Shack "Communications" headphones  
Message-ID: <19961227.202556.8087.0.wb2vuo@juno.com>

Despite the price, the Communications-type headphones at the 'Shack are good.

They are monaural phones, with a 1/8" plug, and come with a 1/8" - 1/4" adaptor in the package. I am on my second set, and would be on the first still, but they didn't survive being stepped on. I MUST take this up with QC as a 105 kG load should be within their ratings...

The frequency response is good for CW and/or SSB, but I wouldn't want to listen to music with them. They drive nicely with a QRP audio stage.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),  
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group  
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)  
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: km1h@juno.com  
Subject: [7357] S meters  
Message-ID: <19961228.010639.9807.22.km1h@juno.com>

Who just asked for a dozen? I hit the big "D" key by mistake.  
Price is \$2.50 ea plus \$2 for UPS.  
Mail a check to:

Carl Huether  
Box 973  
Pelham, NH 03076

Tnx.....Carl and sri for the msg broadcast.

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [7334] something wrong with Juno... ???  
Message-ID: <19961227.163822.2663.0.DWink@juno.com>

----- Begin forwarded message -----  
From: pmk@juno.com

Am I the only one on Juno having problems ?  
----- End forwarded message -----

No. I've had a lot of trouble connecting. Takes about 10 tries to get into Juno's central computer. Someone suggested whole internet has constipation due to holidays, snow keeping people home with their new computers, etc.

I also notice that my nice formatting on recent msg. regarding tuners got garbled. Is that Juno, or is it the list? It looks like hard returns and some spaces are being deleted during transmission somewhere along the line. Some people have nice ascii-built logos at the end of their messages, and they come out as garbage.

Maybe its a case of getting what you pay for, and I'm about ready to move up to a REAL internet connect service, but WHO? Any suggestions?

73[hard return] ; D DWink@Juno.com Dan Winkler N7IVR  
Seattle, WA

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: kb0rol@juno.com (Bradley L Mugleston)

Subject: [7354] Squelch Help

Message-ID: <19961227.230848.7487.3.kb0rol@juno.com>

Gang,

My youngest (ages 5 & 6) got their own HT's from Santa - Radio Shack 49Mhz walkie-talkies. Does anyone out there know how I could adjust the squelch - their always making noise and I'm sure the batteries would last a lot longer if they were quiet. They are RS #60-4025.

Thanks

Brad Mugleston - KB0ROL

Colorado QRP Club # 170, QRP-L #316, ARRL

QTH - Aurora, CO - DM79oq

KB0ROL@JUNO.COM

BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: Jim W7LS <w7ls@brigadoon.com>

Subject: [7384] TX offset for 49er?

Message-ID: <199612282045.MAA10483@olympic.brigadoon.com>

Hi, gang. I am building a 49er and wonder if there is a simple/good TX offset scheme for it? How about yanking the crystal with a cap/coil/varicap??  
Tnx/73 de Jim, W7LS

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: ji3m@maxwell.com (James R. Duffey)

Subject: [7381] Windowed Ladder Line and Environmental Changes

Message-ID: <v02130501aeeb0e7835d8@[192.31.66.229]>

Doc - On 24 December you asked about your ladder line fed dipole changing;

"Until this morning it all worked fine it was still all set for 40, just like last evening. But on both 30 and 20 it was nearly impossible to load. And all day long the MFJ-971 QRP tuner has been unable to find a dead-flat SWR reading on the higher bands (40 still seems nominal, thankfully).

Does window wire sometimes change characteristics precipitously when temps drop to frigid levels?"

Yes, this unfortunately is a problem with the brown polyethylene ladder

line commonly available to hams. I don't think that is your problem though.

I think your problem is that one (or both) legs of the ladder line is broken at some point. The most likely point is one of the connections from the ladder line to the dipole. With one of the feed line wires broken you are essentially using a long wire. The impedance is probably similar on 40 M to your dipole, but is much different; probably higher on 20 M and 30 M. It is difficult to properly strain relief ladder line unless you use a special fixture like W6EMT sells or a homebrew one as described in the new "Antenna Compendium Vol 5". The storm probably finally caused one of the legs of the ladder line to break where it has been slowly flexing since it was put up. Even if it the storm was not that strong, it was the straw that broke the camels back. A secondary choice for the broken spot is where the ladder line is bent, such as where it goes through the window. Be careful; it is possible for the wire to be broken without the insulation being broken, so you really need to check with an Ohmmeter to tell for sure if a visual inspection

By the way, if that is the problem, when you fix it add a 20 kOhm to 50 kOhm resistor across the feed point at the dipole end. In the future you can then easily check with an Ohmmeter to see if the feedline integrity is good up to and including where it is connected to the antenna. The impedance of the resistor is high compared to the dipole on all bands from 80M up, so it should not dissipate much power, particularly on QRP and won't effect operation.

The windowed ladder line I have used in the past that is constructed of brown polyethylene cracks badly after a few seasons in the sun. It is possible that moisture has gotten the cracks and frozen, changing the dielectric constant and changing your tuning. I always had this problem during the rainy season in LA. You can alleviate this problem somewhat by waxing the line with a good quality silicone based car wax prior to installation. Rewax the feedline any time you have it down thereafter.

If moisture is a problem the antenna operation should return to normal when it warms up in March. I grew up not too far from you in South Dakota (Brookings) and remember doing antenna work in the winter, including putting up a 160 M Marconi for the CQ 160M contest, and laying radials on top of the snow to improve a vertical's operation. Not much fun when you are doing it, but good memories none the less later down the line.

Let me know how things turn out. My money is on a broken feed line. -  
Duffey KK6MC/5

James R. Duffey  
Principal Scientist  
Maxwell Technologies Incorporated/Albuquerque Division  
Suite 300

2501 Yale Blvd SE  
Albuquerque, NM 87106

(505) 764-3143  
(505) 843-7995 (FAX)

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: dzn1@juno.com (Howard D Rubin)  
Subject: [7386] Re: 38 Special text file  
Message-ID: <19961228.162721.9391.0.DZN1@juno.com>

Ken,

I'd also like to download the complete set of specs, design details and other application notes. Please advise where and how to find them.

Howard Rubin, N3FEL  
dzn1@aol.com (files and X-Mitter Articles)

On Wed, 25 Dec 1996 23:22:17 EST n4so@juno.com writes:  
>A copy of 38spec.txt is available from N4SO.  
>This is a copy of the AC6AN/ and NorCal design details and explanation  
>of the "38 Special " circuit and order information. File length is  
>14,000 bytes.  
>  
>Ask for 38spec.txt  
>  
>  
>Ken Brown , N4SO  
>QTH: Nr Mobile, AL  
>QRP-L #622  
>n4so@juno.com  
>

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Peter Barville <peter@barville.demon.co.uk>  
Subject: [7382] Re: al7fs off the air  
Message-ID: <3tClSCAsAWxyEwcU@barville.demon.co.uk>

In article <jlarsen3630452300@?>, James H Larsen <jlarsen@attmail.com>  
writes

>Hi...received a msg that asked if i was still on the air.  
>  
>I went off about 0340Z  
>  
>In the future I will post times on and times off the air to qrp-l and  
>i will mention what band and approx freq i am on. OK?  
>

Good luck Jim - it's interesting reading about your exploits, but I really wish we had some propagation to KH6 from here.

72

--

Peter G3XJS (G-QRP # 3001, QRP ARCI # 8572)

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [7352] Re: ARRL Publication "QRP Power"  
Message-ID: <19961228.050255.6735.3.k7yha@juno.com>

On Fri, 27 Dec 1996 20:16:12 -0500 "Ronald H. Evans"  
<ronald\_evans@pipeline.com> writes:

>My brother sent me a couple of QRP books for Christmas. One "W1FB's  
>QRP Notebook" was a duplicate. The other "QRP Power" has a really good  
>article on modifications for the SW-40 (NN1G's kit which I just happen  
to have  
>built).

I am in the process of going thru two 40-40s I have and doing some of the mods, although, I find that some of the ideas are a bit like "guilding the lily".

> Most articles seem to be reprints from QST and QEX

They are. This is something that QST has done for many years. Not a bad idea, actually, as seldom do we keep ALL the ham mags we get over a 5 or 10 year period. This is a good way to "put it all together" so to speak.

>Revisiting the 40-40 by KB6FPW and AE6C seems to be new.

That article WAS new. And a darned good one, I might add. The initial idea behind the 40-40 was a low cost club project that would yield a tiny transceiver with acceptable performance. The mods done by KB6FPW and AE6C really improve the overall performance dramatically. BTW: I don't know why they could not get more than 1.2 watts output....I have

2.2 watts out of both of mine using a HEP S3001 PA transistor. Also, one of mine has TR-21 metal transistors for Q1, 3 & 4 with no adverse affects. These are what I had on hand. Efficiency on the PA is about 49% (not great, but not bad, either) at 350 ma Ic with 12.9 VDC Vcc. I could get 2.5 watts out of one of mine using a 2SC799 for the PA, but it ran hot and the Ic ran up to 420 ma, way to high for my taste.

Receiver sensitivity was -115 dBm (about .4 microvolts), so they hear quite well, also.

73 rich K7SZ

(PS: The guy who wrote the preface did a great job, too!)

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: n4js@amsat.org  
Subject: [7364] Re: Fox Hunts  
Message-ID: <m0vdxhg-0006FGC@ux1.cyberenet.net>

On 1996-28-12 qrp-12lehigh.edu said to n4js@amsat.org  
>On 1996-12-28 n1qqv@cshore.com said to n4js@amsat.org  
>>along the way. I'll bet my other shirt that I'm not the only one.  
>>If the competition for the available Fox slots spurs the same sort  
>>of effort, then we all win.  
>>73, Ken  
I have only been at this Fox stuff for a short time, but I'll strongly second Ken's comments. I am hooked, and having more fun in Ham Radio than I have in the past 10 years. The more, the merrier! (And I am still whining about having to work for the next fox night, actually Sunday through Wednesday nights!).

-- N4JS --  
John L. Sielke n4js@amsat.org  
n4js@hotmail.com n4js@n4js.ampr.org  
<http://www.pobox.com/~jsielke>

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [7367] Re: Fox Hunts  
Message-ID: <199612281427.0AA20532@chuck.dallas.sgi.com>

Ken,



I stand corrected. By unfortunate I meant from the standpoint of finite spectrum and propagation it became very difficult for some people to the point of high anxiety, which was not the purpose.

The quest for better antennas and pushing the limits of human skills and endurance are what it is all about when it comes to operating under 5W.

Thanks Ken.

cc to the group at large

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [7359] Re: FOX: hints from W5TFB

Message-ID: <199612280803.IAA20134@chuck.dallas.sgi.com>

Thanks to Jack for his perspective and views on what makes the exchanges go faster. Now considering that he got the highest Q-total of any fox in one session he must know what he is doing. :-)  
Ever wonder how DX-peditions work 38,000+ contacts in a short period of time, say week(s)? Efficiency is everything. We as QRPers have much more patience.

And Jack's contest procedure is also great, since he really trounced me during SS. I want to see a photo of the plaque. BTW Jack and I really loved the homebrew raspberry jam sent to us by the other team. Good sports. Now I have to pick up some nice jalepano peppers to reciprocate (sp?). Or pralines for a good sugar fix.

We need to get Jack's contest ideas ^h^h^h^h^h no, bad idea. I'll get them and next year we'll both improve the TX Tiger Team totals :-)

The whole idea behind the fox hunt was to get everyone off the couch during the week and on the air. It is really friendly competition and shouldn't become an obsession. I know that we each have gotten some new skills and hopefully more importantly gotten a nice group of new friends. It doesn't work if noone shows up, so it is a group effort. I am honored that it caught on so well.

We got some serious problems coming up this summer with 500+ 38-Specials coming out the door and that's just the tip of the

iceberg. TMPS will take on a new meaning.

One more comment on QSK. I have been doing it for 40 years. First setup was a Heath transmitter and National receiver just using two 1N34 diodes back to back on the receiver ant terminal and a small lamp in series to the back of the transmitter terminal. Of course, all this in a case to prevent TVI.

The first time you try solid state QSK without a relay it bothers you to hear static, QRN, QRM, etc. between code elements. Heck, it's just like listening to the other guy/gal. It takes practice but once you get the hang of it you'll never go back. Many a time I have heard the station I was working startup again when he lost me. You just immediately stop and wait your turn again.

Same for his doing a C or YES to a QRL? on freq. You can pause when a station starts up on frequency during the QSO. It will happen. Also when you start a CQ after doing a QRL? and hear another station start back up in the middle of a QSO. You simply stop and QSY. No problem.

Again, thanks Jack for posting. We all learned something.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50  
EMPS QSOs=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: VE3JC John <jbcumming@wwdc.com>

Subject: [7374] Re: FOX: hints from W5TFB

Message-ID: <32C543A4.7CEB@wwdc.com>

chuck adams wrote:

> The whole idea behind the fox hunt was to get everyone off the couch  
> during the week and on the air. It is really friendly competition  
> and shouldn't become an obsession.

Excellent point, Chuck. I find myself a bit obsessed on "fox night" and know I often let some other obligations slip. I think at this time of year, with "New Years Resolutions" it's probably a good idea to step back and put things in perspective. If the propagation gods aren't smiling, turn the rig off and read a story to the kids or spend the time talking to the xyl instead of listening to qrn. Don't get me wrong - the healthy competition does provide a LOT of enjoyment

and serves as a great incentive to improve equipment and operating procedure - but we gotta keep it in perspective. It's a thrill to nab a fox, but it doesn't compare to the gratitude of your teenager when you help them with their math homework.

I recall a post earlier in the year from someone who could get on the air for only a few hours during a contest because his emergency response work obligations kept calling him away (severe flooding and power outages in his area). He should take great pride in his low contest score, because it represents a more significant achievement than all the winning scores combined! If you miss the fox because its on the night you serve as a youth group leader, you are a true champion!

Thanks for all the hours that are put in to provide us with so much enjoyment, and very 73 to you and all in the QRP fraternity (and sorority!) for a prosperous 1997. - John

\*\*\*\*\*

VE3JC - JOHN CUMMING

192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: "M. Monninger" <markem@primenet.com>

Subject: [7331] Re: Happy Hogmanay

Message-ID: <1.5.4.32.19961227171619.00f1fcb8@mailhost.primenet.com>

At 11:31 AM 12/27/96 -0800, Glenn wrote:

> Ahhh, but it's more than just New Year's Eve... ...

Definitely true. We lived in Scotland for a couple years (1981-1983) and really enjoyed it. The weather leaves a lot to be desired but the people are very friendly and it's a very interesting place. We lived in a suburb of Glasgow (Newton-Mearns, to be exact) and sometimes had a hard time understanding the real Glasgow natives. The first New Year's we were there the folks next door invited us over for Hogmanay. They usually start "after the bells", i.e. after midnight. About half the people in the neighborhood were at the party and the other half was making the rounds, stopping at each house and sharing a nip or two, as Glenn described. I don't remember (!) any haggis but there was lots of other food & drink. Lots of different single-malts and I think I sampled them all. We were the only Yanks there and so got a lot of attention. We were also a new audience for all the tall tales & Scottish folklore and it got better as the night wore on. We crawled home (good thing we were just next door) about 5 AM but the party went on well into the next day. Quite a bash. Great place, Scotland. We have lots of fond memories of it, esp since our oldest daughter was born there. Definitely worth a visit.

A little off the subject of qrp but isn't part of the point of ham radio is to get to know other people & cultures?

73 & HNY to all.... Mark AA7TA

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [7342] Re: Happy Hogmanay  
Message-ID: <199612280310.WAA108338@nss2.CC.Lehigh.EDU>

-----  
>Lots of different  
> single-malts and I think I sampled them all. We were the only Yanks there  
> and so got a lot of attention. We were also a new audience for all the  
tall  
> tales & Scottish folklore and it got better as the night wore on. We  
crawled  
> home (good thing we were just next door) about 5 AM but the party went on  
> well into the next day. Quite a bash. Great place, Scotland.  
> 73 & HNY to all.... Mark AA7TA  
>  
>

LAST ONE ON THE PLANE IS A ROTTEN EGG !!!!!!!!!!!!!!!!!!!!!!!

73/72  
Steve  
KA7NOC ( southern Idaho )  
dit dit

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: macdondd@cadvision.com (Duncan David Mac Donald)  
Subject: [7377] re Happy Hogmanay  
Message-ID: <199612281647.JAA21346@huey.cadvision.com>

Hi Folks There are a couple of things that were not mentioned in the  
>last report  
>  
>1. It was considered guid luck if the person first footing had their name  
>in the bible i.e. John David etc and was the first to cross the door step.

>2. The door step was also cleansed with a white stone just befor midnight  
>that is one thing I mind my Aunt doing when I lived with her during the  
>second world war in Inverness. My Uncle Jock (John) was more than welcome  
>at any door and did not really need a Porch light on only a lower window  
>light was all that was needed. being but a boy at that time the songs and  
>wee bit danccs that went on was such a hullabaloo that there was no point in  
>sleeping for aa the noise that went on .  
>3. It was also considered guid Luck when first footing to take a pice of  
>coal into the house you visited.>  
>4. Hmmm Come to think of it maybe I should carry iton here as 2 doors up  
>the Crescent is a single woman and 2 doors down> here is a Widow Woman both  
>about the same age as myself...  
>A Guid New Year tae An An AA and Mony Mae Ye See  
>A Guid new Year tae An An AA and Happy May they Be. lines from old  
QRP is getting the Most from the Least 72/73 de Duncan.

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [7353] Re: headphone selection + MORE questions  
Message-ID: <8CEF4D9.0004001206.uuout@cheaha.com>

-> quency response should work fine. Otherwise, narrow  
-> frequency respons e  
-> "communications" headphones (e.g., 250 - 2500 Hz) could serve as a  
-> crude audio filter, and should attenuate stuff like digital whine,  
-> low and high frequency pops and clicks, etc. However, my question  
-> is: Do cheap stereo headphones ten

Good set of questions you've posed, Jeff. Hope to see some replys on  
the list. One thing you've done is answer a question for this rookie...  
what frequency range to look for. Tnx.

Take care es Happy New Year!

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: watkins <watkins@socketis.net>  
Subject: [7388] Re: ICOM mic for QRP+  
Message-ID: <32C59FE1.4C86@socketis.net>

Hi, Gang -

If any on the list would like to buy the ICOM HM-70 microphone which is recommended for the QRP+ (and work great, IMHO) they are available for \$33 direct through ICOM who has them listed in their 50% off discontinued item posting. When they're gone, they're gone, sez ICOM.

Information available at: <http://icomamerica.com/specials/>

Happy New Year

Daniel Watkins

WW	WW	3333333	DDDDDDDD	WW	WW
W	W	33	DD DD	W	W
WW	WW	333	DD DD	WW	WW
W W W		33	DD DD	W W W	
WW W WW		33	DD DD	WW W WW	
W W W W	3	33	DD DD	W W W W	
WW WW	33333		DDDDDDDD	WW WW	

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [7363] Re: Kidney stones  
Message-ID: <19961228.034835.8159.0.DWink@juno.com>

On Sat, 12 Oct 1996 10:53:37 -0700 mike wood

<K6MW@server.worldinfonet.com> writes:

> Lets see if I got this straight...

>

> Laying in a tub of H2O, with a spark plug creating little explosions

> nearby...

No really! Honest. And would you believe up to 25KV at about 1 amp per "pop"? It's kinda noisy. And NOT exactly QRP. (They usually run it lower than that, I'm told, but some stones are pretty tough.) But it

beats a 15" flank incision hands down. As you might imagine, they're rather careful about leakage current. The blasts are synched to the heart rate, so that any leakage that does occur won't come at a vulnerable time in the cardiac cycle. I've never heard of any cardiac problems.

Drink lemonade.

73 ; D DWink@Juno.com Dan Winkler N7IVR Seattle,  
WA

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: NilsBull@aol.com  
Subject: [7391] Re: Kidney stones & RF >10dbm  
Message-ID: <961228185623\_1009137867@emout11.mail.aol.com>

Oh, so now I have to cut back on tea, drink more lemonade and stay away from the mango nectar that they have at the mosque on Friday evenings.

Hell, I thought that it was gonna be one of those "You can't eat any more chicken and you can't eat any more fish and you have to cut back on your salt intake and then you have to get that picture of Che Guevarra off the wall of your bath room next to the poster about marxists growing out of the nasty hard toilet paper that you persist in buying even though you know that it's not truly recycled and besides, the Beavis and Butt-Head's movie really sucks. So pay me!"

Live's so much easier now. All I have to be is a Communist.

73  
Nils  
WB8IJN +c

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Ed Tanton <n4xy@avana.net>  
Subject: [7390] Re: Power Supply ?  
Message-ID: <3.0.32.19961228185248.00941df0@tiger.avana.net>

You can \*\* PROBABLY \*\* get away with paralleling them IF you diode-isolate each one (each ps output into the anode of a 3A diode with their cathodes tied together. They most likely will need heat sinking if your duty cycle is anything greater than SSB. Be sure to physically mount them well. I once had some diodes (OK... they were being operated near their limits) actually unsolder their connections in a hi-current application. In the 'old days'

you couldn't do this due to dissimilarities between the two diodes causing one to fully conduct sooner than the other, and subsequently overheat/etc. Now, their dies are pretty close, and you can do it. If you HAVE to buy them, I'd suggest 3A Schottky diodes... their net voltage drop is a bit less usually. Be sure and bypass them if there's RF around. You should be able to draw most of the total available current. A nice 'stiffening capacitor' on the LOAD side of the diodes wouldn't hurt either. I would add a LED for each side, before the diodes, and one after the diodes, to let you know each ps is operating OK. Finally, if you add the stiffener, you must be careful about the output fuse you add: the cap will blow a 'fast' fuse.

At 04:10 PM 12/28/96 -0700, Bob Cutter wrote:

>I need a 1.5 amp power supply. I have two 1 amp supplies. What effect will  
>connecting the two parallel have? Will I have a 2 amp supply?

>

>72, Bob KI0G

>

>

>

>

72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail  
Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140  
NORCAL#1779      NCDXF      SEDXC

Life Member: ARRL      AMSAT      IDRA      INDEXA      QCWA  
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: jsielke@pobox.com  
Subject: [7383] Re: QRP+  
Message-ID: <m0ve5aR-0006FPC@ux1.cyberenet.net>

On 1996-12-28 MAILER-DAEMON@cyberenet.net said to jsielke@pobox.com

Thanks to all who replied. I now have 4 different sets of  
dimensions. ;-) Fortunately, the Height and Width were pretty close,  
so I can make my compartment. (It wouldn't be "tight" anyway.)  
Oh how I love a challenge....

--            N4JS            --



John L. Sielke n4js@amsat.org  
n4js@hotmail.com n4js@n4js.ampr.org  
<http://www.pobox.com/~jsielke>

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Art Searle <w2nra@netusa.net>  
Subject: [7379] Re: QSL Bureaus  
Message-ID: <32C554EF.3E0A@netusa.net>

n4js@amsat.org wrote:

>  
> I have been out of the action for so long, I have a question. Who would be  
> my ARRL QSL bureau (Call N4JS, located in New Jersey)? t used to be the  
> Meklenburg ARS, but I seem to remember them splitting it up, and the single  
> letter prefixes going somewhere else. I don't see it in my Jan QST. Now I'm  
> going to be working all this QRP DX, I better get some envelopes on file ;-)  
>  
> -- N4JS --  
> John L. Sielke n4js@amsat.org  
> n4js@hotmail.com n4js@n4js.ampr.org  
> <http://www.pobox.com/~jsielke>

Hi John,

Right from the ARRL website:

Fourth Call Area  
All fourth-area call signs with single-letter prefixes (K4, N4, W4):

Mecklenburg Amateur Radio Club  
PO Box DX  
Charlotte NC 28220

Comments or questions on this bureau's operation may be directed to  
n4zc@juno.com.  
All fourth-area call signs with two-letter prefixes (AA4, KB4, NC4, WD4,  
etc):

Sterling Park Amateur Radio Club  
Call Box 599  
Sterling VA 20167

Comments on questions on this bureau's operation may be directed to  
RWMaylott@aol.com.

73, de Art

--

Art Searle, W2NRA [ex WU2K], ARRL Life Member, QRP-L #524  
QRP ARCI #9123, DXCC MX & CW HR, NRA Benefactor Life Member  
NRA Certified Firearms Instructor, Fight for your rights!  
Join the NRA now! <http://www.nra.org/>

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: PA3ASC@mailbox.hol.nl (Mike Perry)  
Subject: [7373] RE: QSL Source  
Message-ID: <199612281559.QAA12664@bonny.hol.nl>

Jim, NOUR [LAGESON@worldnet.att.net] wrote:

>I need to get some new QSL cards ....

>I've always designed my own but ....

>Any great sucess stories/suggestions???

>

Jim,

One possibility is to design your own stuff in PostScript.  
The start-up effort is substantial, because you have to  
learn the PostScript language -- it is a graphical  
programming language with a very high precision. Its  
main advantage is that the resolution is determined only  
by the printer. The same file will give a draft copy at 110  
dpi and a faultless professional result at 2450 dpi on a  
photosetter without any further conversion.

Useful books are:

"PostScript Language Tutorial and Cookbook"

ISBN 0-201-10189-0, publ. Addison Wesley,

"PostScript Language Program Design"

ISBN 0-201-14396-0, publ. Addison Wesley

You will need an ascii editor (dos EDIT will do) and a  
copy of GhostScript which runs under Windows 3.1 or  
Windows 95. Details of GhostScript software can be  
found at <http://www.cs.wisc.edu/~ghost> and it can be  
downloaded from this site as well. The PostScript file is  
written in ascii and viewed on the monitor using  
GhostScript.

Normally you will need a PostScript printer, but Ghostscript  
will also print your image on the local Windows printer which  
is handy for proof copies. For best results, e.g final camera-  
ready copy, a postscript laser printer is best.

I do all my cards this way now.

Hope this helps.

Happy New Year

BTW: The best Hogmanay is usually the one you can't remember afterwards! "Paralytic Hogmanay"

73 de PA3ASC

--

Regards,

Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl ]

=====

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996

From: rhight@primenet.com (Roger Hightower)

Subject: [7355] Re: QSL source??

Message-ID: <199612280551.WAA03909@primenet.com>

At 04:20 AM 12/28/96 +0000, Jim and Nancy wrote:

>I need to get some new QSL cards printed up but not sure where to turn.

>I've always designed my own but I lost my contact to the typesetter/printer.

>I want something unique and representative of me and my

>state/station.(whatever that is) Any great success stories/suggestions???

>I've sent in for the usual samples from the usual qsl printers, but I don't

>want to just be another card on the wall, I want people to stop, look and

>say.....

>.....cool.

>

>Thanks, Jim NOUR

>

>Mpls, MN (where the women are strong, the men good looking, and the children

>all above average.....)

>

Jim, I don't know how you are fixed computer/printer-wise, but here's what I'm doing:

Computer is a 486DX2 and the software is Microsoft Publisher running under Win95. This is a great program for do it yourself QSL cards. You can manipulate the text, import graphics and pictures, play with the colors, etc. Very easy and intuitive to use, and in a matter of minutes you can construct a QSL card to fit the occasion.

My printer is an HP Deskjet 820cse, and the best feature (other than the color printing) is that it will handle 110# card stock with no problems. I

made and printed special cards for the NØEL Christmas, AZ special event station, four up, and told the printer to print 44 copies. Walked away and it did the job without a hiccup. Another 15 minutes to cut the cards with a paper cutter and they were ready to mail.

I've tried other software programs, but Publisher is so easy to use and so versatile I'm going to stick with that.

Not a real Microsoft fan, hate Win95, and get no money from them, but I do like this package.

I won't post an attachment (learned my lesson, :-)) but if you want to see a sample just ask and I'll e-mail direct.

72/73 de Roger N7KT (Ex-AA7QY) Mesa, AZ Grid DM43cj

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Alan Kaul <kaul@netcom.com>  
Subject: [7358] Re: QSL source??  
Message-ID: <Pine.3.89.9612272256.A26251-01000000@netcom10>

Jim... after trips to KH6 and HH2 where I operated portable, I used the Windows 95 'Notepad' accessory and created my own cards. All the better if you have one of the printing programs which gives you a better choice of fonts, etc. Then I ran four copies of the design on my inkjet printer at home and headed for the nearest full-service copy center....the one in my neighborhood is a chain called 'Kinko's.' I cut the four cards on the Kinko's papercutter and strategically pasted them up on an 8.5 x 11 sheet of paper. Then I selected the print stock (a few sheets of hot pink, a few of bright yellow, etc) and had them copied on the top quality machine. I returned to the paper cutter with my 10-sheets of colored paper and manually trimmed the four cards on each sheet. Cost -- \$3 or so for 40-50 cards depending on stock. If you wanted to print 100's or 1000's, you'd get a price break on the stock, and can even get Kinko's to cut the finished product for an additional fee.

I actually used a couple of different fonts, and was able to tailor-make a small number of cards to be QTH specific ... i.e. I operated from both Kauai and Maui -- and since both are separate counties, I was able to mark the cards accordingly. Then yellow ones for W6RCL/HH2, and Hot pink for W6RCL/KH6. Since I didn't have that many QSO's from either QTH,

I didn't have to print a large minimum order.

Try it, you might be pleasantly surprised!

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [7361] Re: QST View - A Review (moderately long)  
Message-ID: <Pine.SOL.3.94.961228055210.11083D-100000@utkux4.utcc.utk.edu>

I hope the review of QST View has been sent to ARRL, with hopes that they will implement the suggested improvements, especially improvements in the search to make the proper CD evident. When the series is finished, there will be a lot of disks to swap in searching out an article.

The need to reboot Windows 95/NT is a standard feature of these systems--it is usually handled by software installation programs semiautomatically by either instructing you to reboot before using a program, taking you directly to reboot, or some other means. During a reboot, Wdws95/NT scans what is on board and makes some linking files to make everything recognizable accessible. Even though a file is present, Wdws 95/NT does not know how to treat it until after a reboot. Some software has instruction sets to get around this problem that goes away with a reboot, but apparently, the instructions in the CD software work only in one direction for QST View. In general, however, I have found it useful (meaning, it has saved aggravation time) to reboot immediately following any software additions. Most DOS-based software does not need this treatment, especially if you bring it up via some kind of DOS menu program that is called up in your shift to the MSDOS icon start-up.

I am sure there are other ways around some of these features of Wdws95/NT, but so far, these have worked for me.

Now back to our regularly scheduled QRP program.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: Richard Sherman <srichard@aldus.northnet.org>  
Subject: [7368] Re: Radio Shack "Communications" headphones  
Message-ID: <3.0.16.19961227213646.3f17e51e@aldus.northnet.org>

At 08:14 PM 12/27/96 PST, you wrote:

>Despite the price, the Communications-type headphones at the 'Shack are  
>good.

>

>They are monaural phones, with a 1/8" plug, and come with a 1/8" - 1/4"  
>adaptor in the package. I am on my second set, and would be on the  
>first still, but they didn't survive being stepped on. I MUST take this  
>up with QC as a 105 KG load should be within their ratings...

I agree with Keith, the phones are good. I didn't think they seemed quite as sensitive as the Walkman type headphones I was using before them though. They are comfortable to wear for many hours of listening.

One problem (sort of) with Keith's note, the phones are Stereo. They come from the factory wired in the plug as mono. Chop the plug off and put a stereo plug on. They'll still work fine, and then you can use them for two radio contesting. :->

72 de Rick WZ2T

srichard@northnet.org

---If you're not part of the solution,  
You're part of the precipitate.---  
Steven Wright

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [7371] RE: Radio Shack "Communications" headphones  
Message-ID: <19961228.101211.8095.0.wb2vuo@juno.com>

----- Begin forwarded message -----

>From: ed.welch@cheaha.com (ED WELCH)

>To:

>Subject: Radio Shack "Communications" headphones

>Date: Fri, 27 Dec 96 21:11:00 -0600

--> Despite the price, the Communications-type headphones at the 'Shack

--> are good.

--> The frequency response is good for CW and/or SSB, but I wouldn't want  
--> to listen to music with them. They drive nicely with a QRP audio  
--> stage.

>Howdy, Keith. This all sounds good, but you didn't say anything about  
>comfort which is one of the major reasons that I'm considering a new  
>pair. Do your ears have discomfort from extended use? If the mechanics  
>es electronics are good I might be tempted to try a pair of these.

>Tnx fer ur reply!

>Take care es Happy New Year!

>72/73

>Ed Welch KF4KRV

>QRP-L #873

>Luverne, Alabama

>Crenshaw County - Grid EM61

> +-----+

>-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----

> +-----+

> > Isn't "time" a 4-letter word? <

----- End forwarded message -----

That was a mistake on my part. The comfort level was/is a factor. The headband tension is adequate to keep the phones in place securely and the pads are thick enough to be comfortable. I used the phones for the last couple of contests, up to 6 hours at a time with no "Ear Crunch" or other headphone afflictions.

Just remember, they failed the 100 Kg+ static load test. If you weigh less, step on them at your own risk.

Disclaimer: I have no financial interst in Radio Shack, Tandy or whatever, but they own a BIG piece of me thru their credit card...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),  
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group  
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)  
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: "scotty" <scotty@skyhigh.com>  
Subject: [7378] Re: re Happy Hogmanay  
Message-ID: <199612281709.MAA12409@jupiter.skyhigh.com>

happy new year to all 73 scotty n2wyp

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: gary\_oneil@juno.com (Gary E. O'Neil)  
Subject: [7344] Re: The Knights before Christmas - Oh so long  
Message-ID: <19961228.102737.16270.0.Gary\_ONeil@juno.com>

Wow Gang!

What a response! I really was surprised at the turnout for such a late notice on the KnightLites QSO party. It really did my heart good to hear how well it was received, and at the same time, my heart was heavy with the knowledge that many who would have wanted to make it did not have time to learn about it. I sincerely do apologize for that gang.

I hope that all had a delightful Christmas, and that those who joined in on the "Knights before Christmas" QSO party had as much fun as I, and got a chance to get to know some of us a little better. I've already seen a couple of postings, and it seems that a good time was had by all who participated.

I will try to plan this well in advance next year, and see if I can perhaps polish up the "procedures" piece a bit so we can make sure we get everybody included. I found myself in the middle of a pileup during several QSO's, and in retrospect, feel pretty bad that I didn't QRX for a couple to join in and get a roundtable going. After all, it should have been obvious to me that a "roundtable" QSO party would be appropriate for our Knights. It was a spur of the moment thought though, and my mind wasn't thinking clearly. The first thing I could think of was to encourage 1 on 1 QSO's and extend the time window to make it easier for others to find a convenient time. After all the blunder however; I think it went pretty well. It certainly did for me, and I had a wonderful time chatting with old friends and new friends alike.

I managed to operate 3 of the 4-1/2 hours myself, and even extended myself an additional half hour for good measure. I had 13 QSO's, and



most were on 80 meters. In fact... I had to abandon some of the heat on 80 to go over and put in some time on 40 to ensure coverage of those frequencies as well. I heard N1QQV (Ken) and WA8LCZ (Byron) doing the same. I even chatted with Ken again on the Colorburst frequency (3579) when I found him there all alone. This puts me at 12 different stations. Since I ran over the time limit, my last QSO is not "official". Thus;

I made only 11 official QSO's (different stations) during the scheduled time window, but what grand QSO's they were.

Here's my log (all times UTC on December 25, 1996)

Time RST (His/Mine)	Knight Notes	Castle
------------------------	-----------------	--------

First on 3710 (The Stable of the KnightLites)

0247	VE3SP / Ron IC-735, 5W, Vert.	Hamilton, Ont.	249
0257	N1QQV / Ken	Madison, Ct.	
599/599			
0305	WA8LCZ / Byron	Warren, Mich.	239/439
0313	K4NK / Les	Greenville, SC	
599/539			
0322	AA3EJ / Dave	PA	
579/579			
0329	K5FO / Chuck	Dallas, Tx	
329/449	0.95 W		

Oh great and fearless one... and... QRPP...

Yes!!!

Thank you Chuck... I am truly honored...  
and you were even behavin' like a Fox...

You were under 2 or 3

others that were destroyin' my S-meter.

You had a healthy signal,

but the QRM was AWESOME!

Time now to move away and try the Colorburst gang.... so off to 3579 KHz.

034? N1QQV / Ken This was my 2nd chat with Ken and my  
only 3579 QSO.

Must have been  
pretty lonely for you there eh Ken?

Pretty Quiet for me there... Checked out 40 meters, and heard WA8LCZ in a QSO... tried both 40 meter frequencies, but nobody seemed to be around. Checked out 3710 again, and the pileup seemed to have cleared.

0400 AA1BK / Steve  
599/599 Steve's 1st. QSO on

Raleigh, NC

his new Sierra.

Better go back and check out 40 again... I hadn't given it much of a chance...

0433 VE3JC / John  
539/539

Delaware, Ont.

I caught John on 7112, and he was my only "official" 40 meter QSO during the event.

After signing with John, I took an XYL induced break, and was back on "good ol 3710" when I returned.

0600 KC40 / Roy  
599/599+20

KY

Roy was hangin' in there, and barely able to keep his eyes open... he was determined to work N3G0 before retiring. It must have been the warm milk he was supposed to leave for Santa :-). His long day at the Mall and visit to his Mother's had him plenty tired before he opened his e-mail and got the word about the party. His stamina and determination would make any knight proud.

Good show Roy. I didn't help you out much either. Yours was my longest QSO of the evening running more than half an hour... Qualifies us for RCC/QRP  
Hi.. Hi..

0638 N8JIW / Don  
559/559 Will be QRP soon

Cleveland, Ohio

Don says "WOW... OK FB PSE QSL with info on QRP" Methinks we have another Knight out of this....

YES... YES... OH

YES!!!

0654 W7AQK / Dave  
429/449 Index Labs - 5W

Tucson, Az

Dave was my DX for the event, and being off the tip of my dipole is a remarkable feat at

that. I'm planning an antenna in the spring to better accomodate our West Coast brethren. Dave caught my post on the QRP-L list, and held out to the bitter end with me to complete the first "Knights before Christmas" QSO party. Welcome to the KnightLites Sir Dave... I hope you can make it in during some of our weekly rounddtables this winter.

0708 The party's over now... officially... I think I'll check out those 40 meter meter frequencies again... I just have to snag one of the NorCal gang tonight.

No luck I guess.... but wait.... let me tune around a bit....

Finally on 7038.2 KHz....

0718 W4HCN / Lew Winter Park, Fla  
599/599

Lew was running 50 watts with a Corsair to a Windom. He told me of an NN1G QRP rig he built and another homebrew rig he built to get on 30 meters when it first opened. It was his first experience with etching his own printed circuit boards :-) Sounds like he's one of us doesn't it? Apparently he's 78 years young, and still excited about building and running QRP. Or is it if you run QRP, you never seem to get old? I began telling Lew about the KnightLites as I began to fade.... I even nodded off for a moment in the middle of whatever it was I was attempting to say. When I regained consciousness, I told Lew I forgot what I was trying to tell him about the KnightLites, and he graciously let me sign off for the night.

Oh what a fun time I had... It was a GREAT time for me. I really enjoyed chatting with all of you that I met up with, and wish I could have caught up with those I missed.

And to make my spirit brighter yet... I spotted the FOX posting for this evening with just over half an hour to spare... tuned around for about 2 minutes or so, and snapped him right up. My first attempt at chasing the FOX. Beginners luck, or just a special gift from Santa? I prefer to think of it as divine intervention. Whatever it was... Thanks Tim (W5FN). You added a special touch to my Christmas holidays.

Thank you all gang for participating on such quick notice. I hope you all had as good a time as I did, and I hope you all were able to meet your obligations to Santa without conflict :-) As for me... This event was successful beyond my expectations. I hope it met your expectations as

well.

72, 73 May the remainder of your holiday be safe, and filled with warmth and love.

Gary        N3GO                                Raleigh, NC

From owner-qrp-1@Lehigh.EDU Sat Dec 28 18:01:30 1996  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [7333] Re: Wanted: RF Filter Program  
Message-ID: <19961227.163822.2663.2.DWink@juno.com>

On Thu, 26 Dec 1996 10:59:21 EST km1h@juno.com writes:  
>Does anyone have a quality program they are willing to share?  
...snip  
>Tnx.....Carl    KM1H

Almost All Digital Electronics has a new filter program out that looks pretty nice. I haven't had a chance to run it much. Initial release had some bugs that brought it down, but that appears to have been fixed. It wants a high resolution screen, though, about 780 x 1028 or something. My video driver/monitor doesn't hold all the stuff he's crammed into each screen. Price is certainly OK, at \$25.

AADE has a web site. --- <http://www.aade.com> The software can be downloaded from there, but only run 5 times unless you register. He will also mail you a disk.

AADE  
1412 Elm St. SE  
Auburn, WA 98092

phone is (206) 351-9316  
(area code scheduled to change to 253 apfter Apr '97)

I will gladly plug his best device (IMHO), the LC II Meter, written up in Electronics Now about May of last year. I love it. Just another satisfied customer.

73                ; D        DWink@Juno.com        Dan Winkler        N7IVR        Seattle,  
WA